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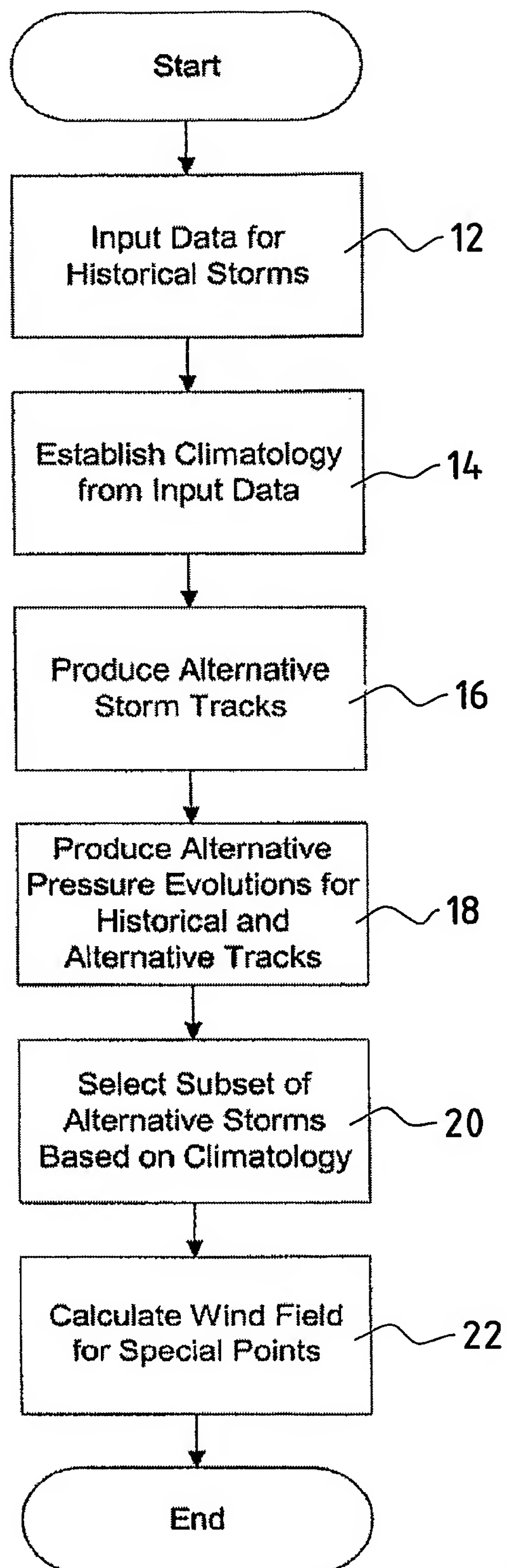


FIG. 1

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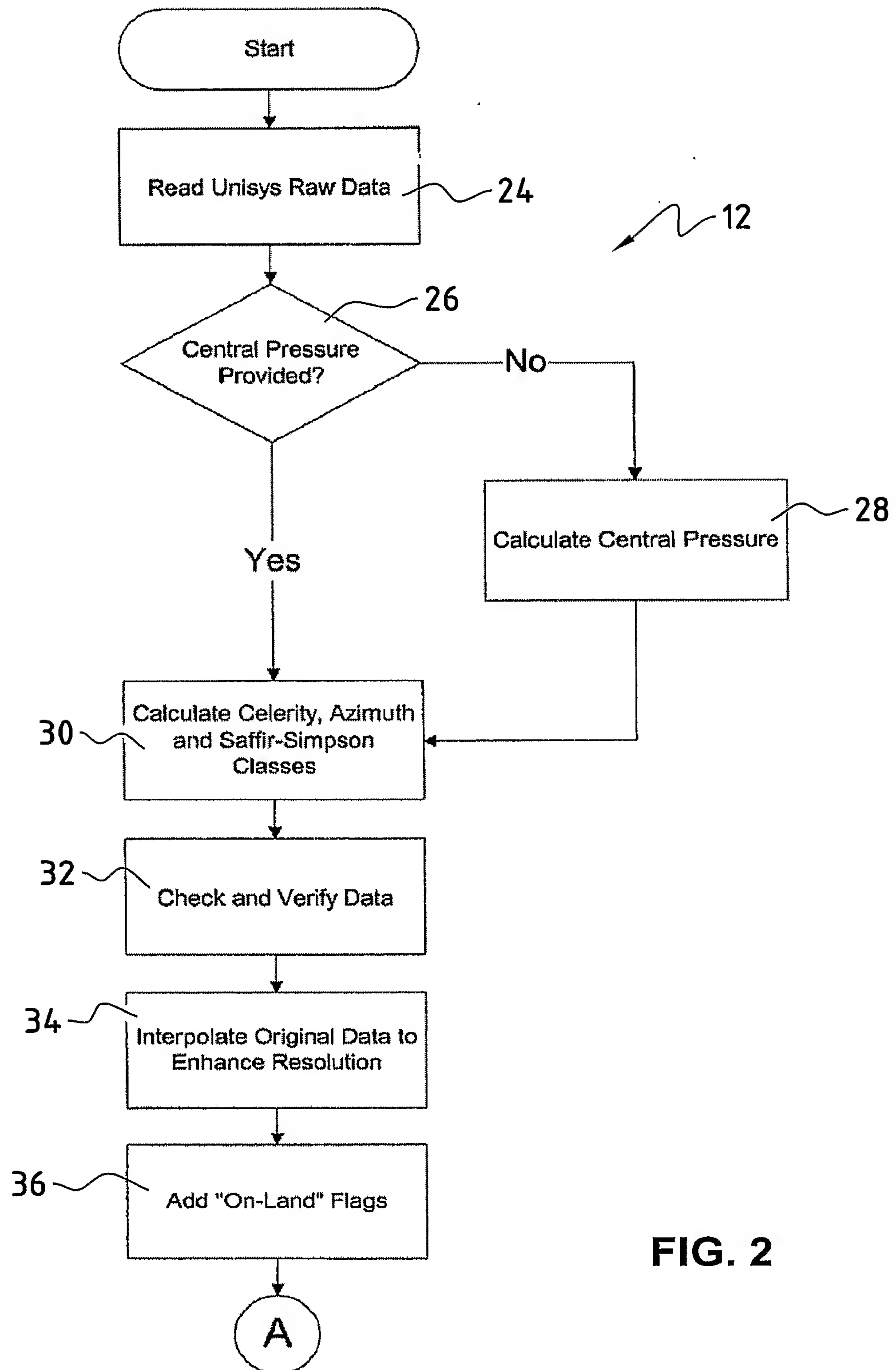


FIG. 2

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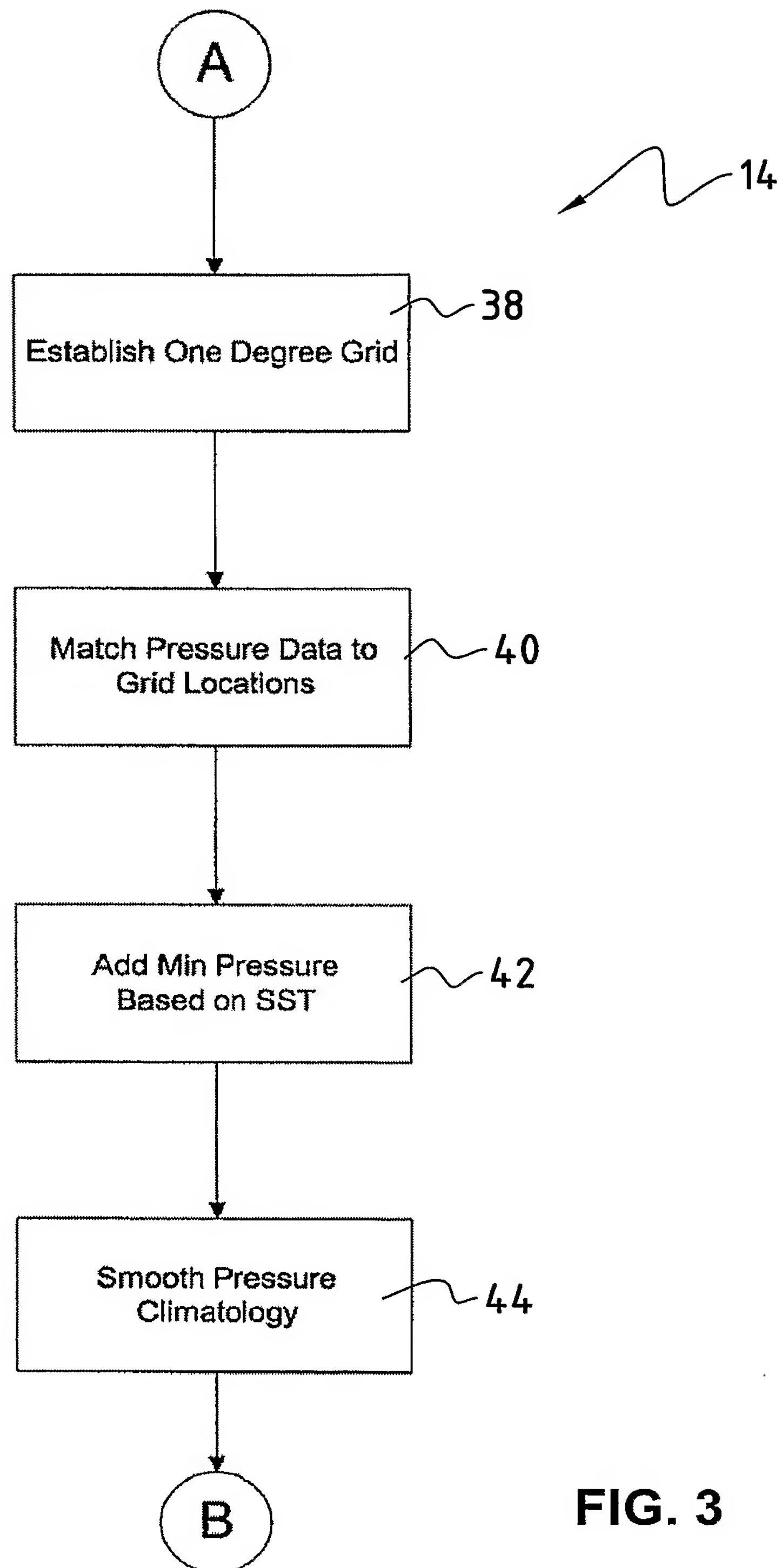


FIG. 3

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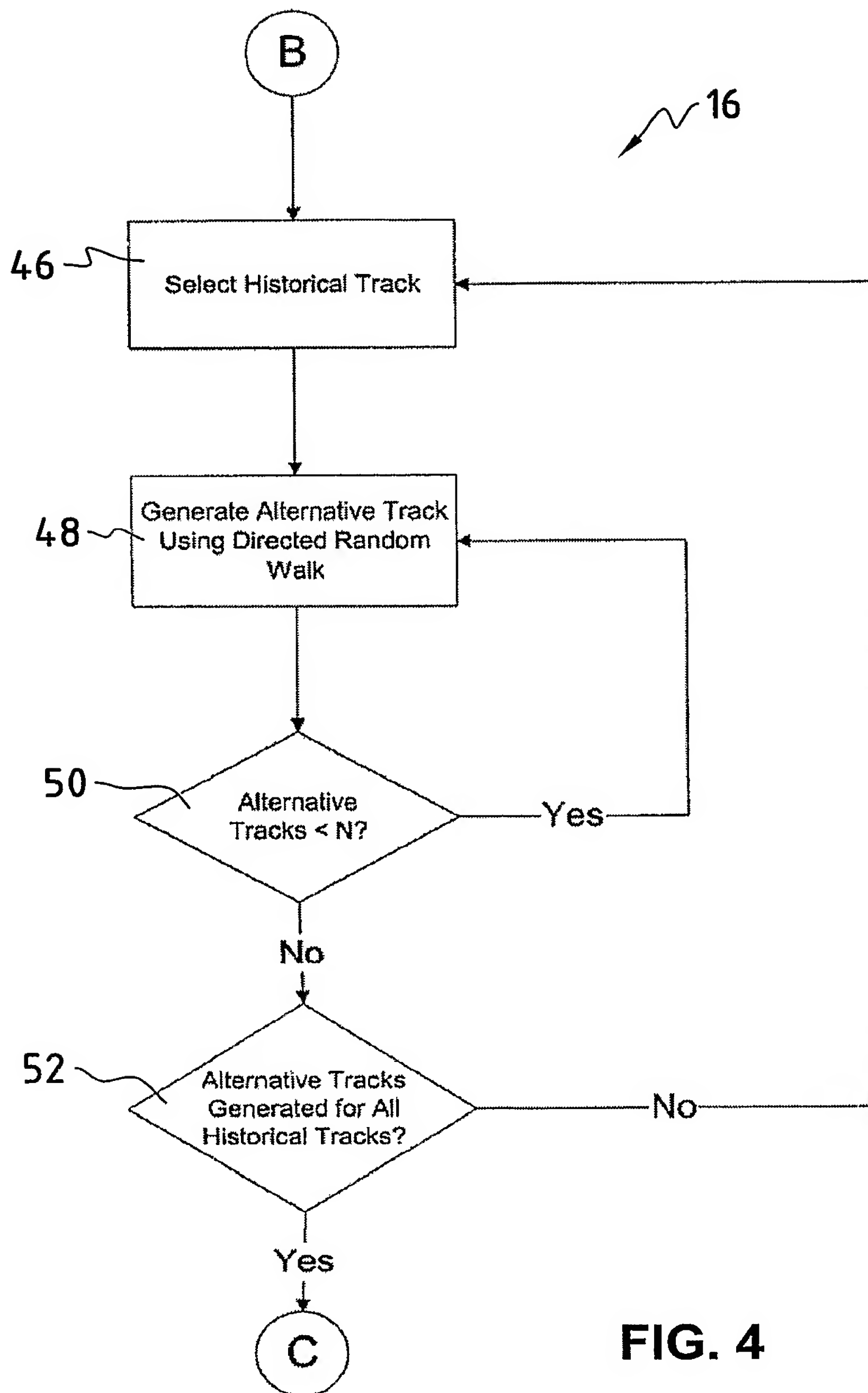


FIG. 4

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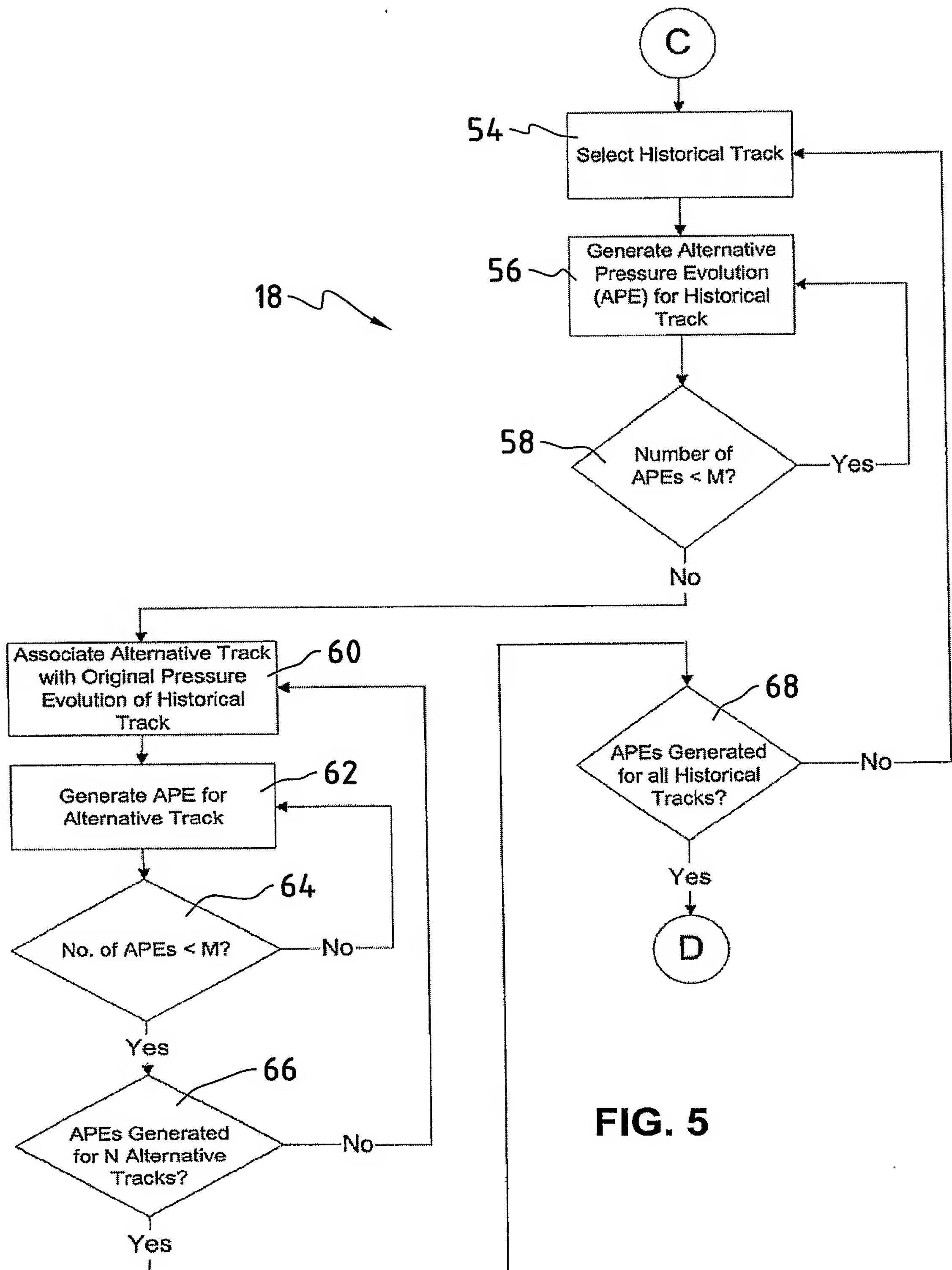


FIG. 5

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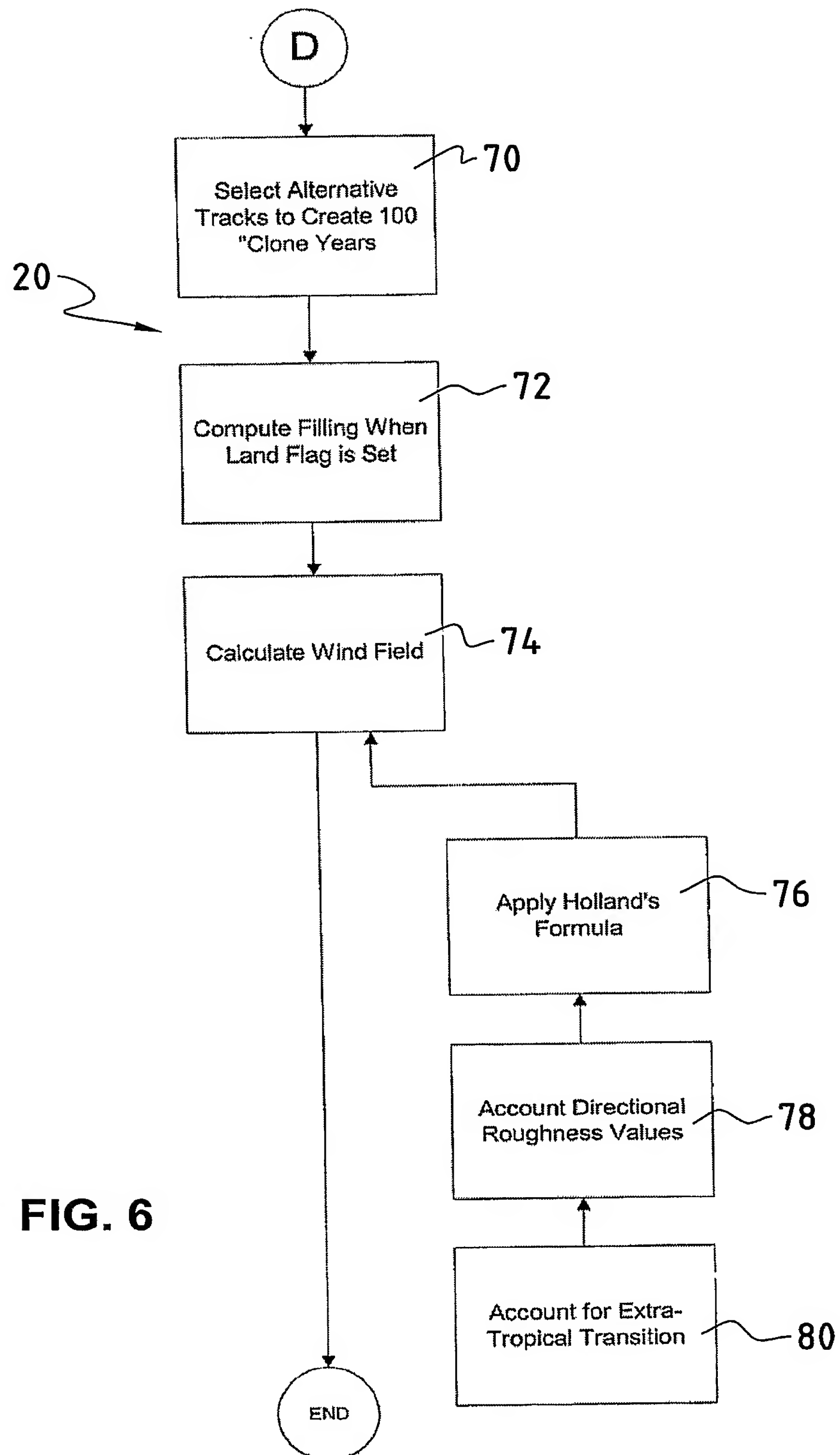
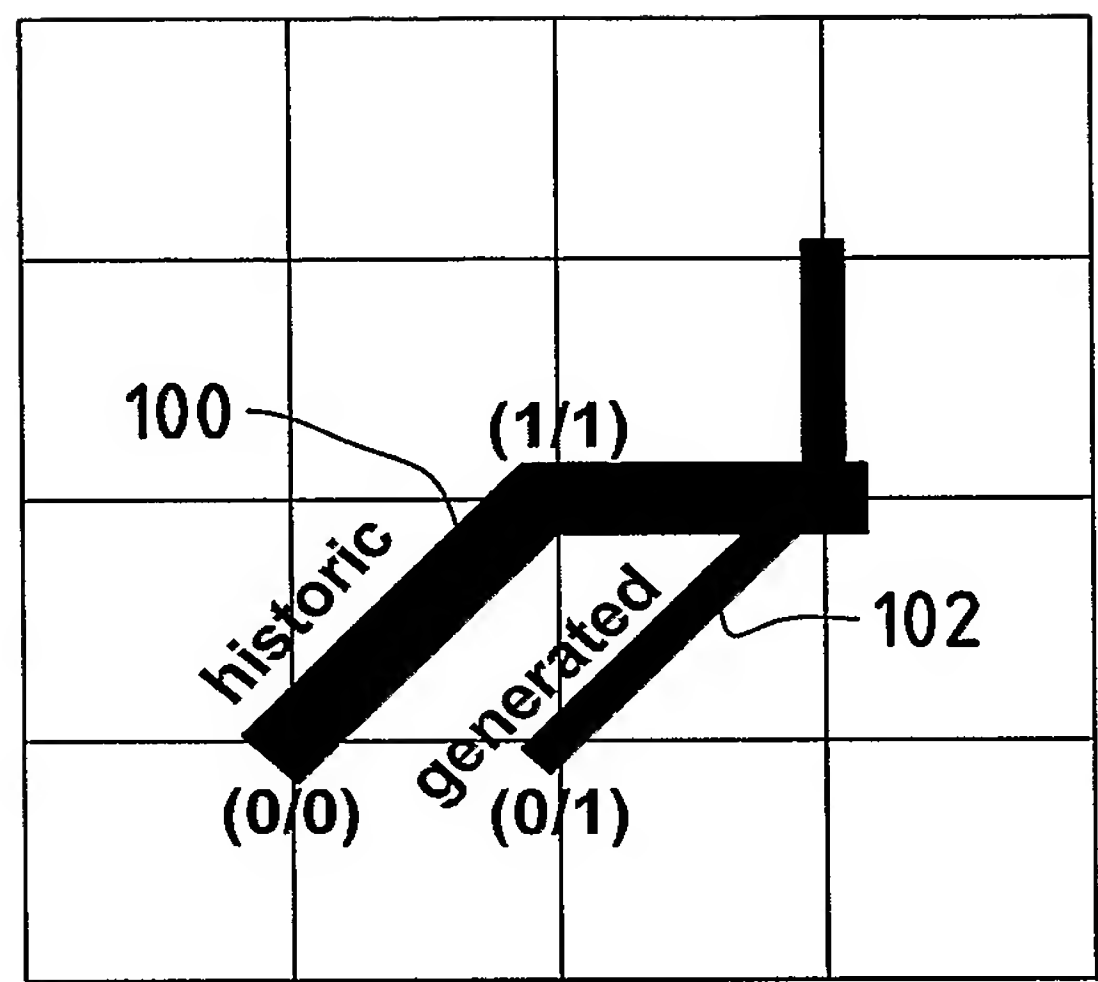


FIG. 6

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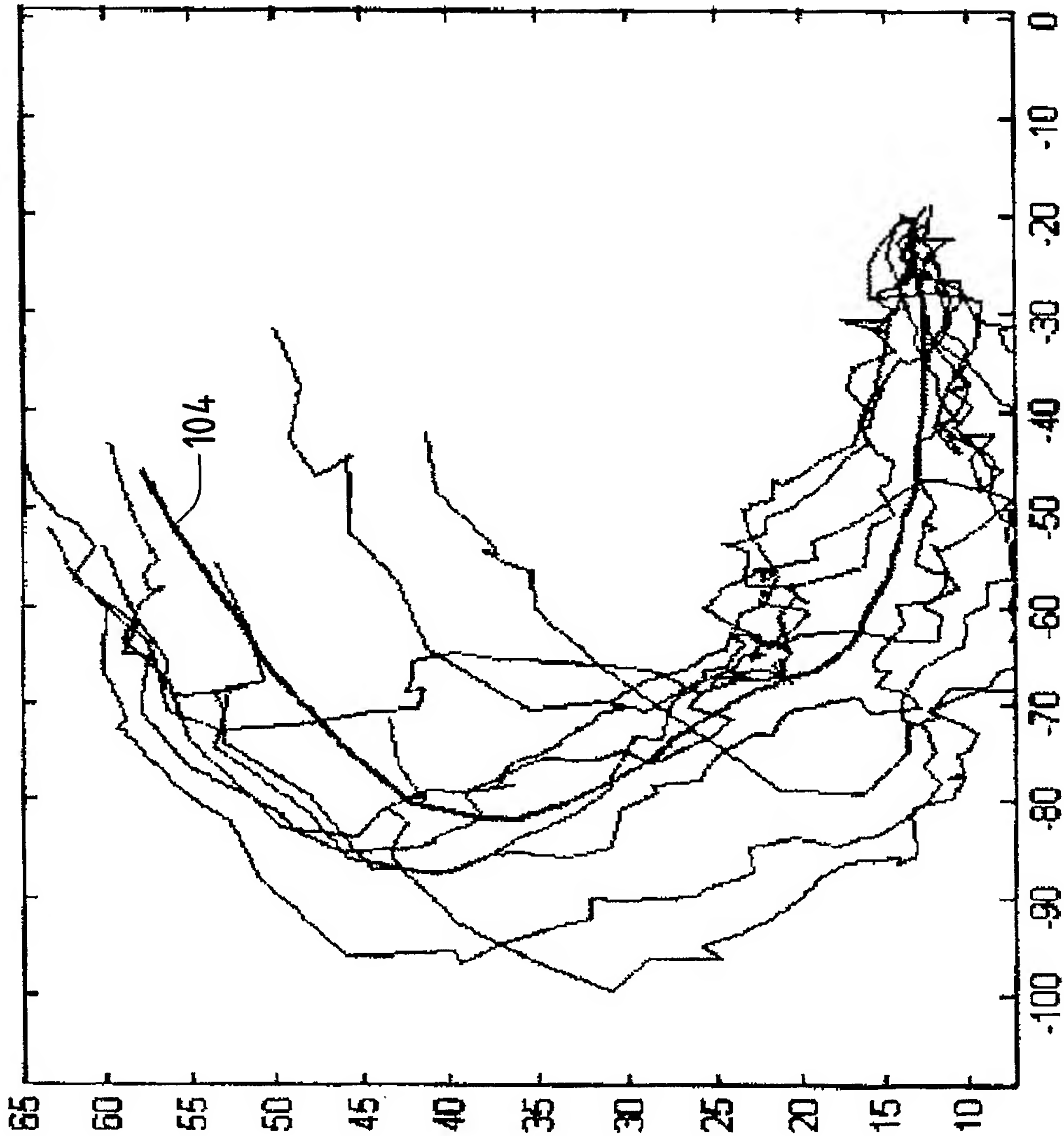
historic n-tuple		$x = 0 \quad 1 \quad 2$ $y = 0 \quad 1 \quad 1$
random n-tuple ( $x_r, y_r$ )		$x_r = 1 \quad 0 \quad -1$ $y_r = 0 \quad 0 \quad 1$
cumulative sum n-tuple ( $x'_r, y'_r$ )		$x' = 1 \quad 1+0=1 \quad 1+(-1)=0$ $y' = 0 \quad 0+0=0 \quad 0+1=1$
generated n-tuple ( $x+x', y+y'$ )		$x+x' = 0+1=1 \quad 1+1=2 \quad 2+0=2$ $y+y' = 0+0=0 \quad 1+0=1 \quad 1+1=2$

FIG. 7

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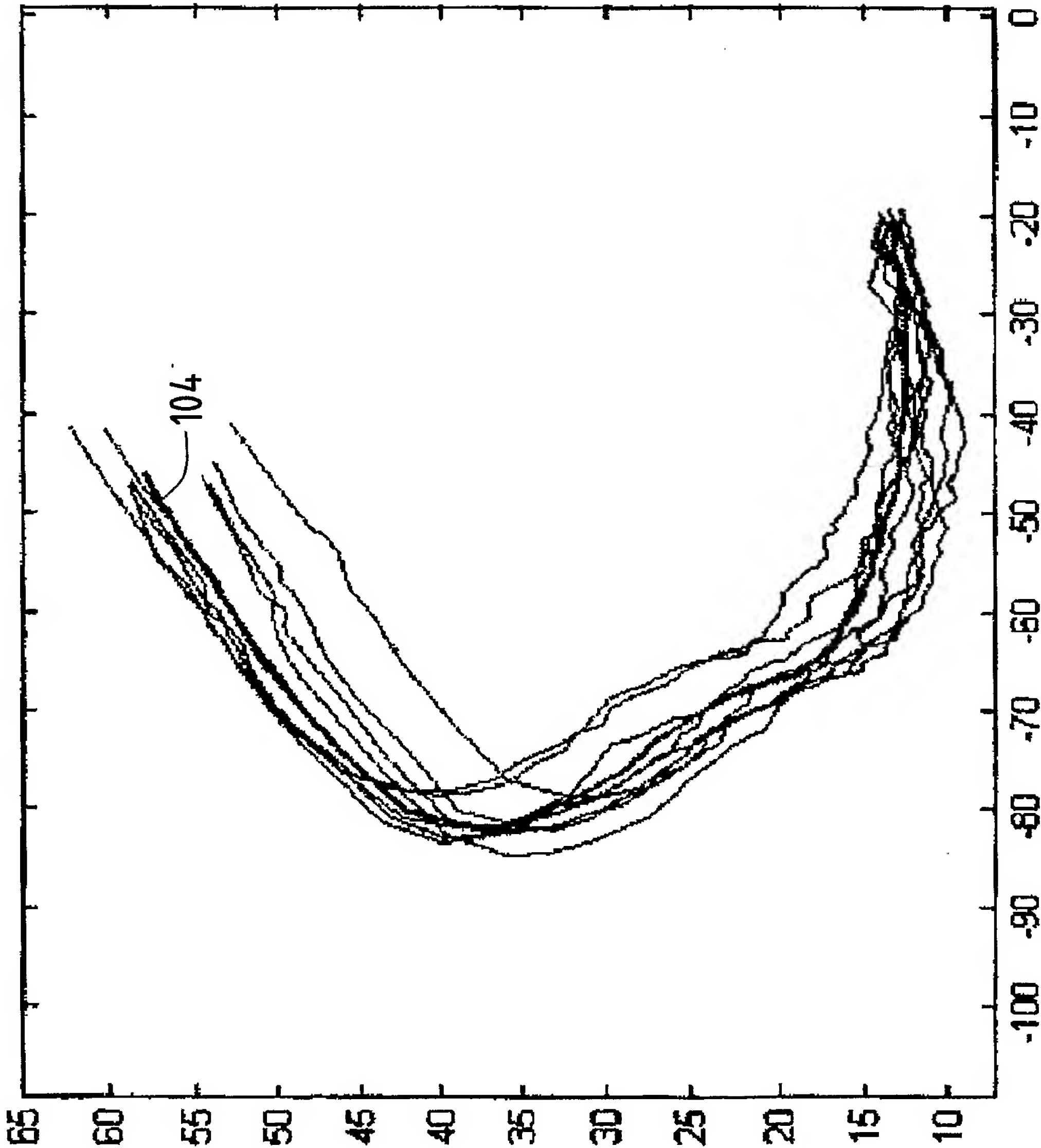
FIG. 8a





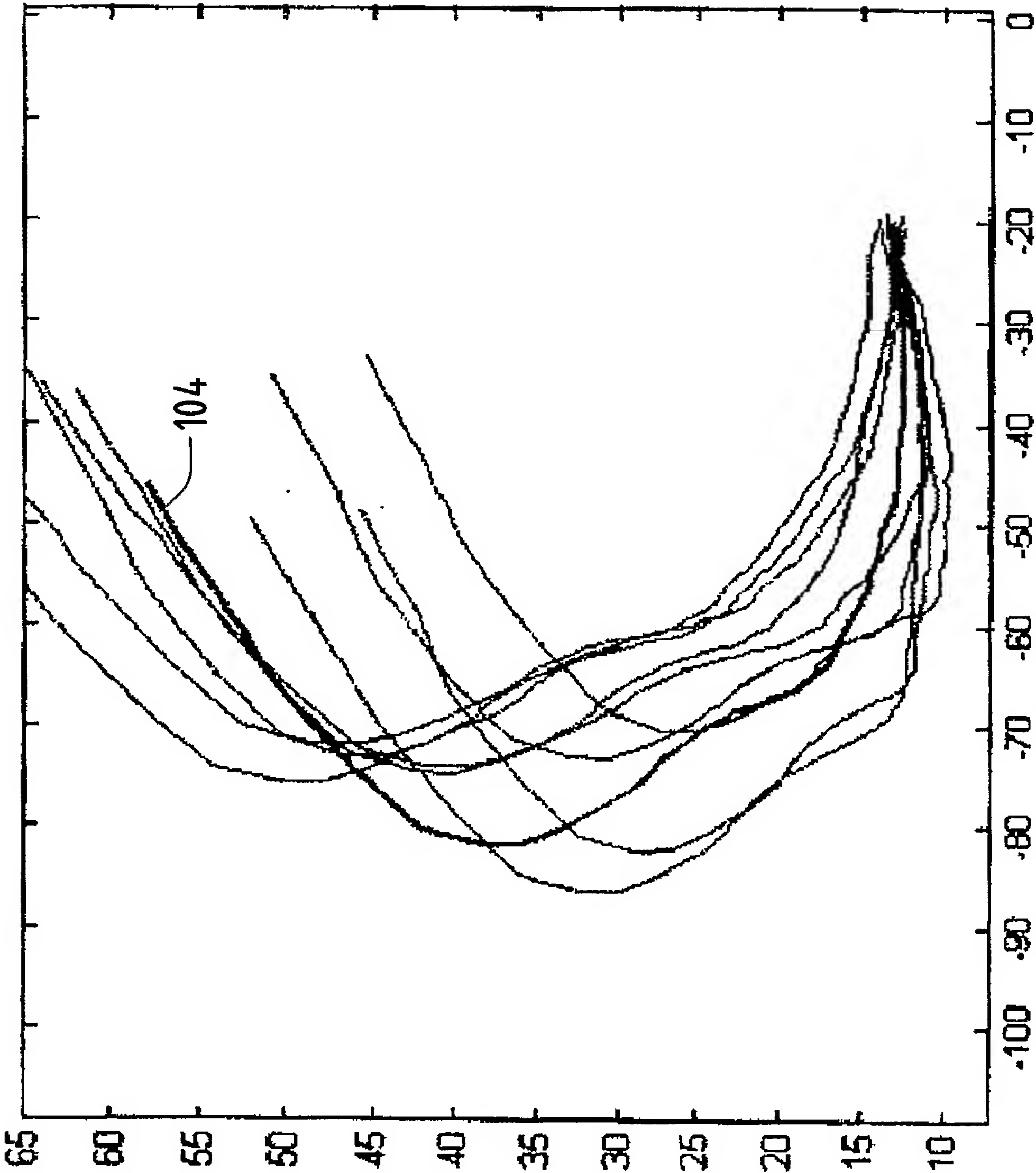
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FIG. 8b



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FIG. 8c



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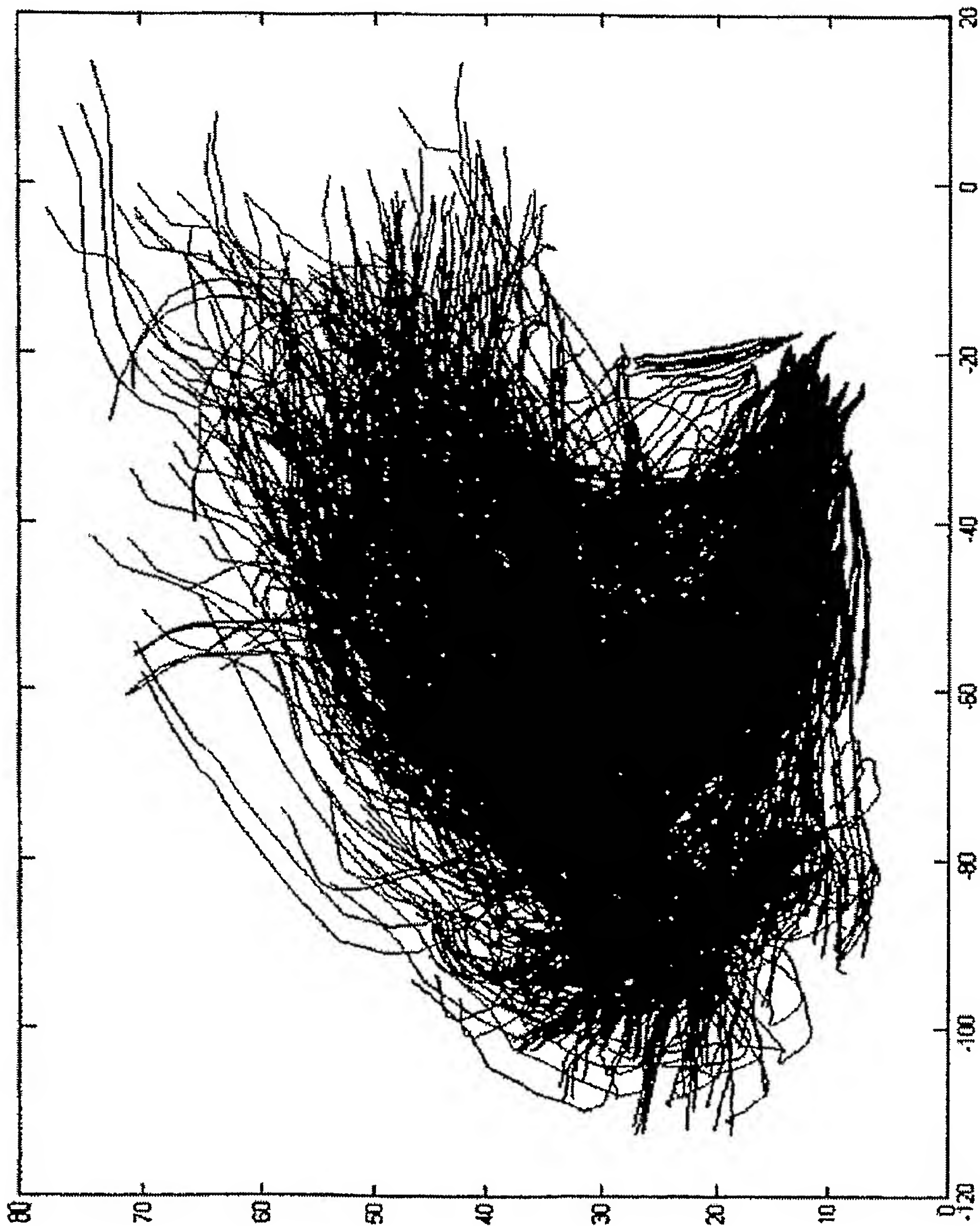


FIG. 9a

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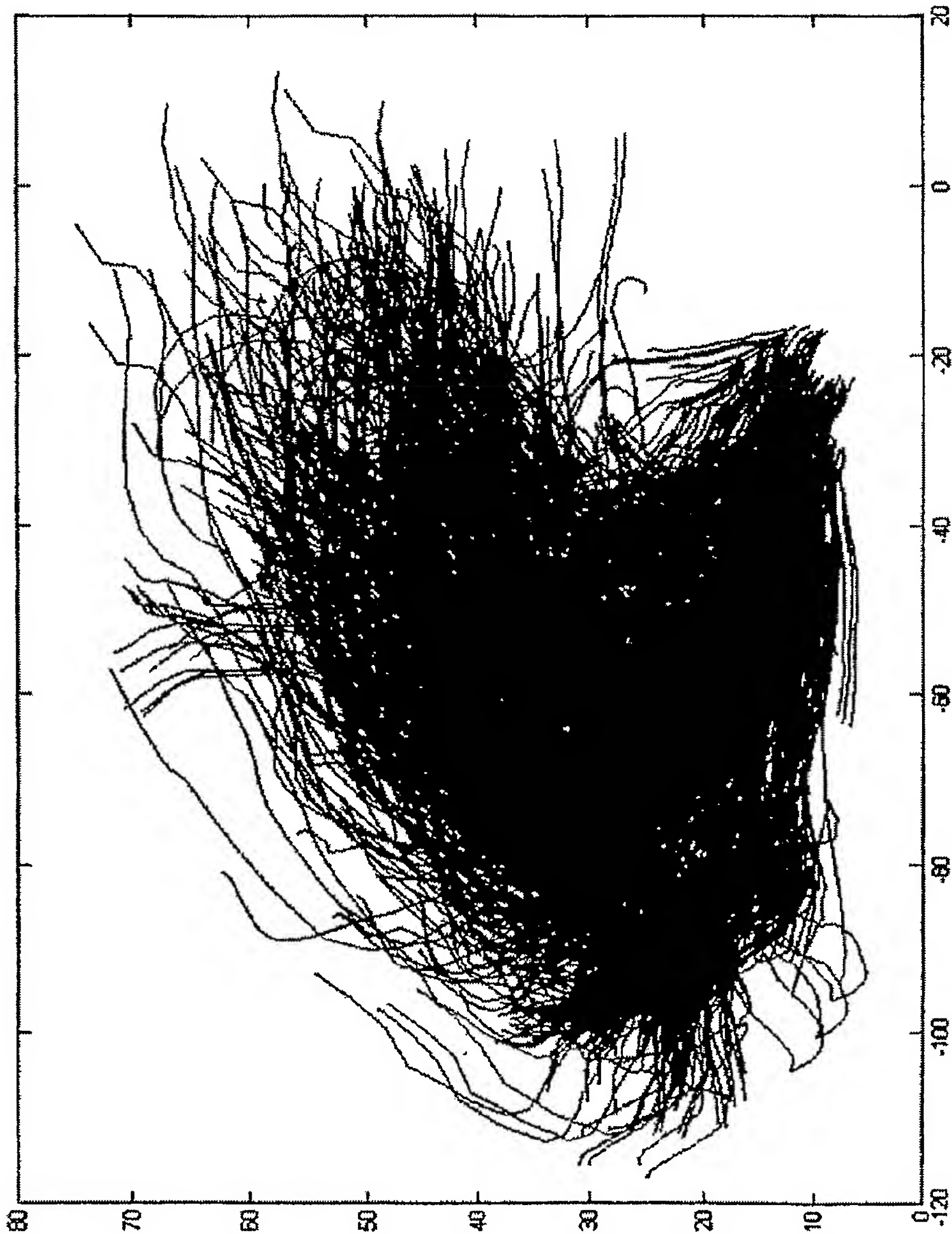


FIG. 9b

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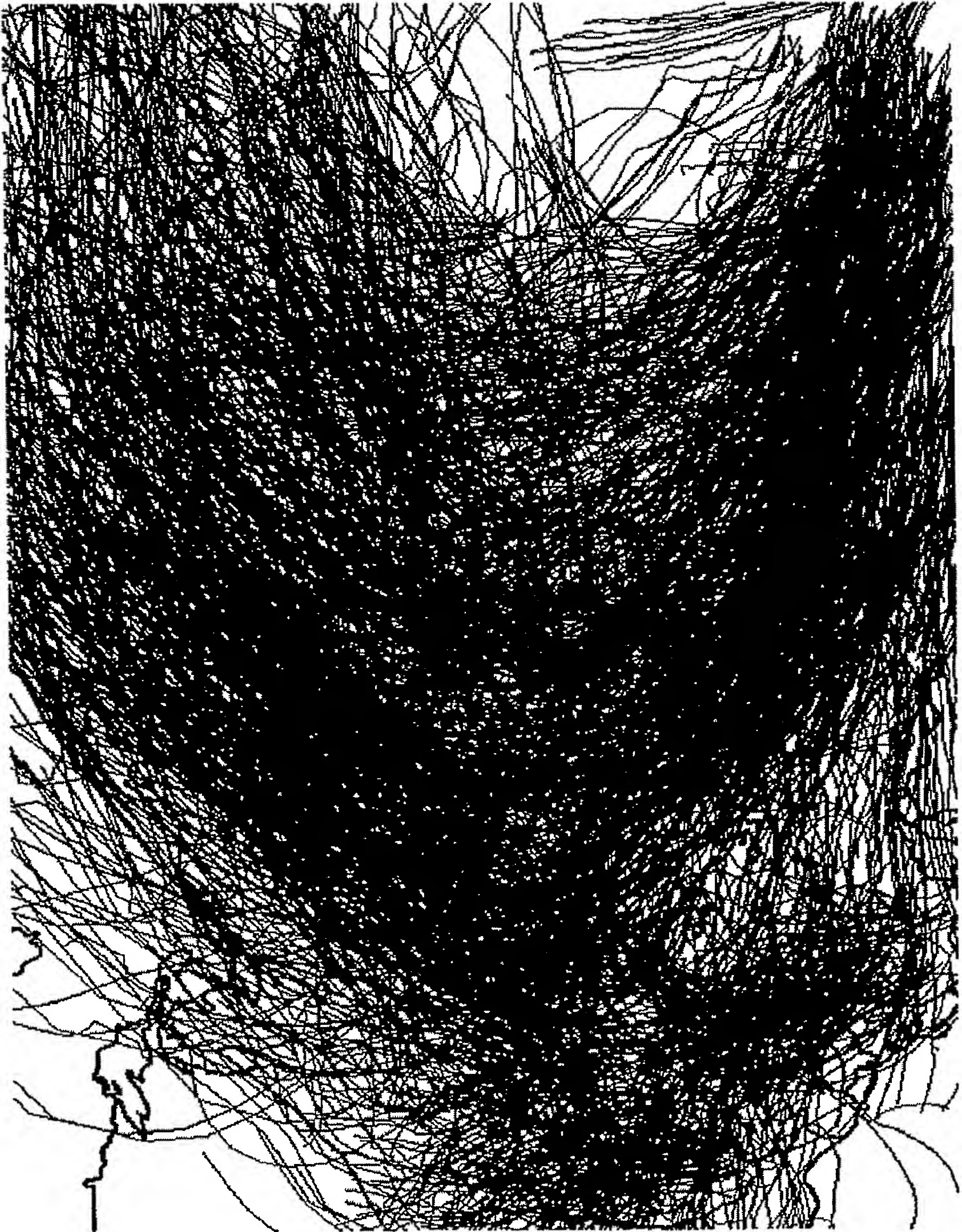


FIG. 10



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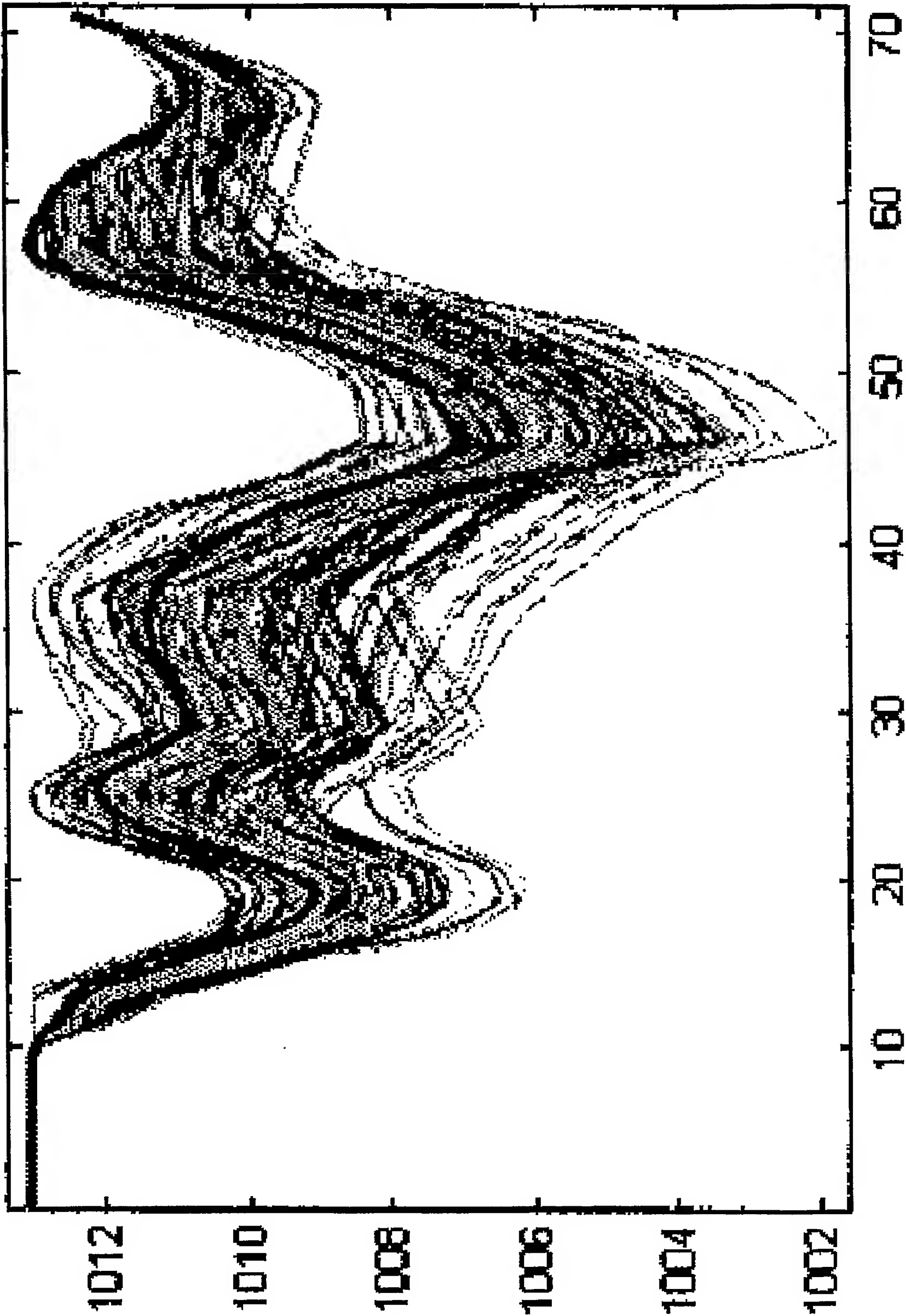


FIG. 11a

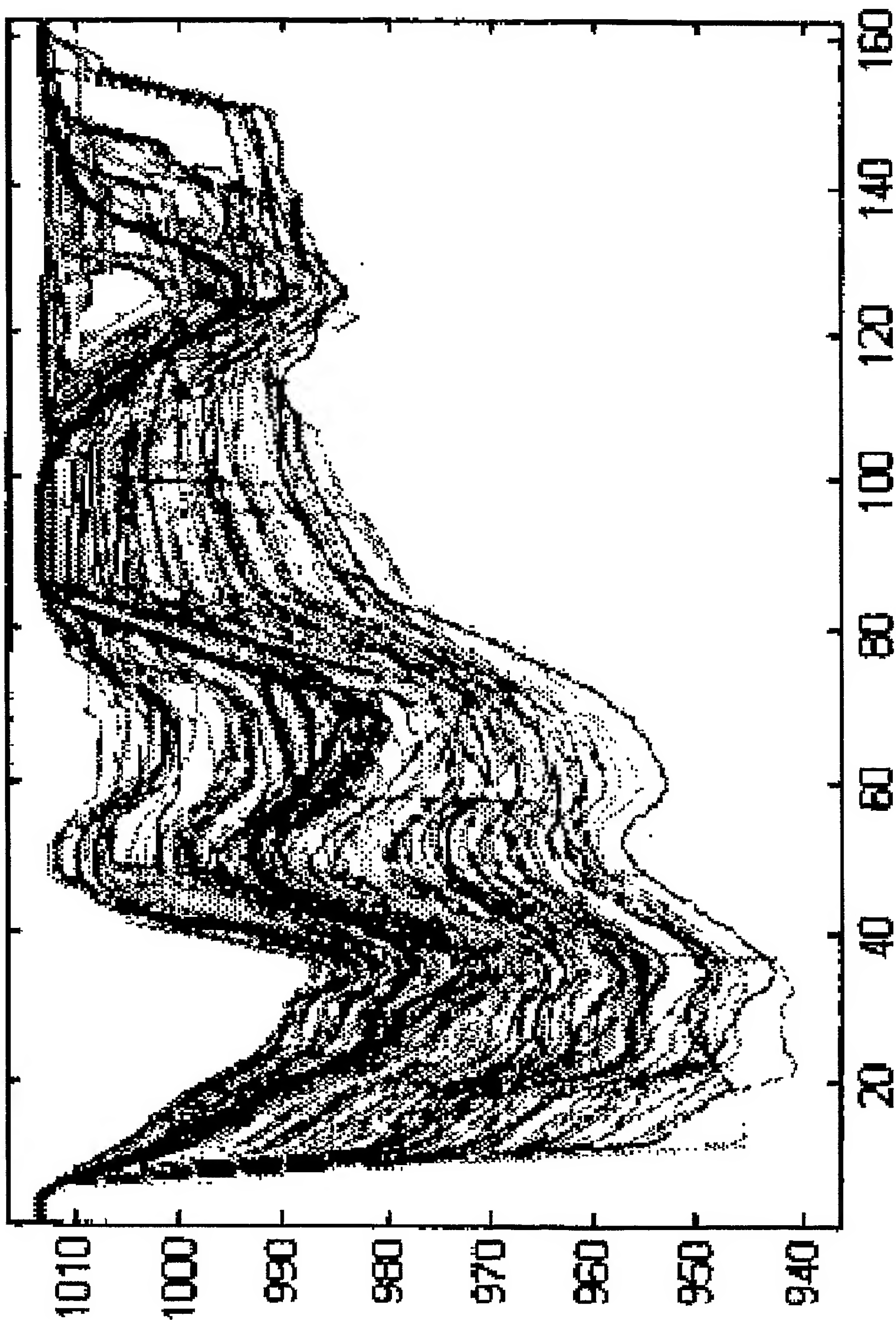


FIG. 11b

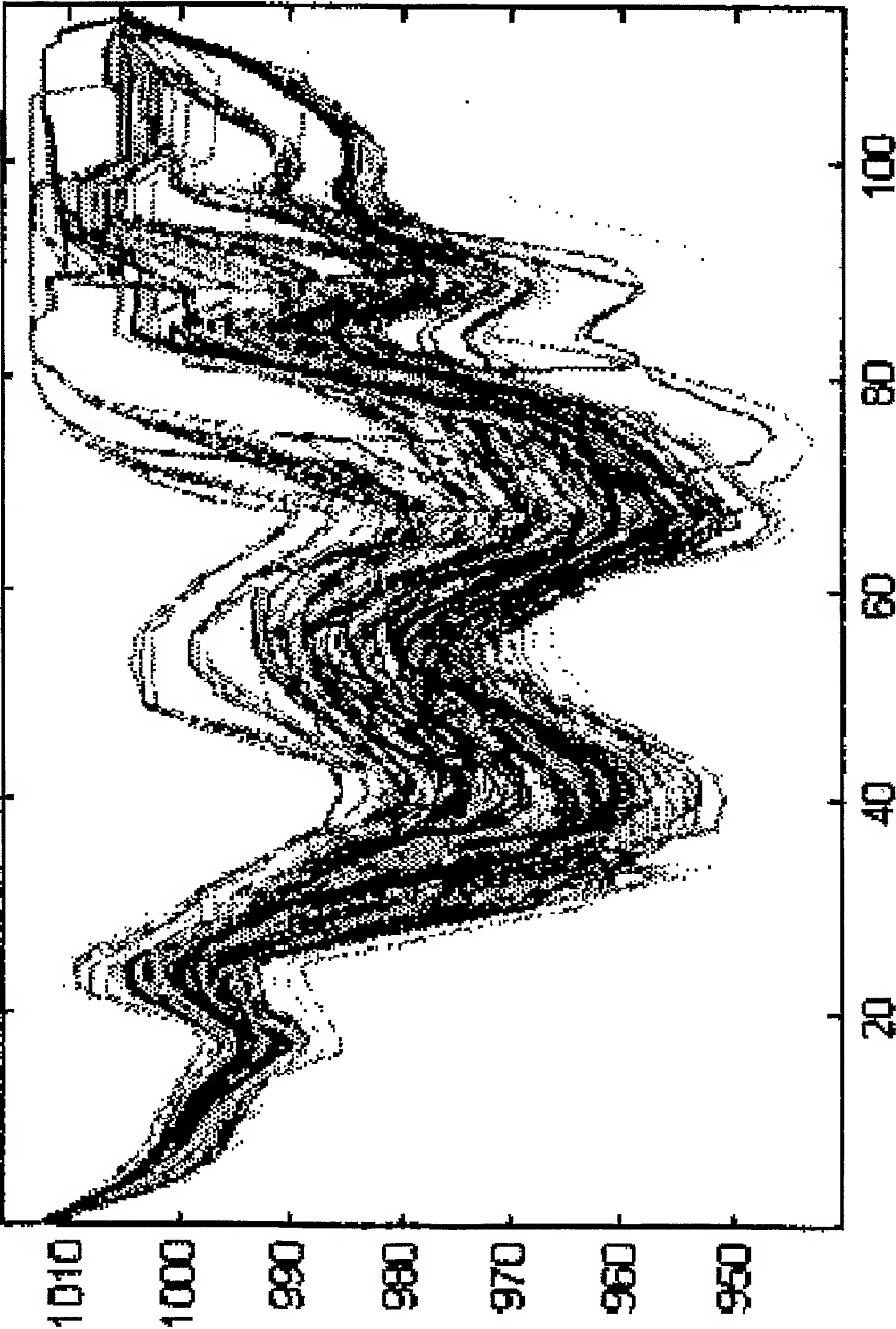


FIG. 11c



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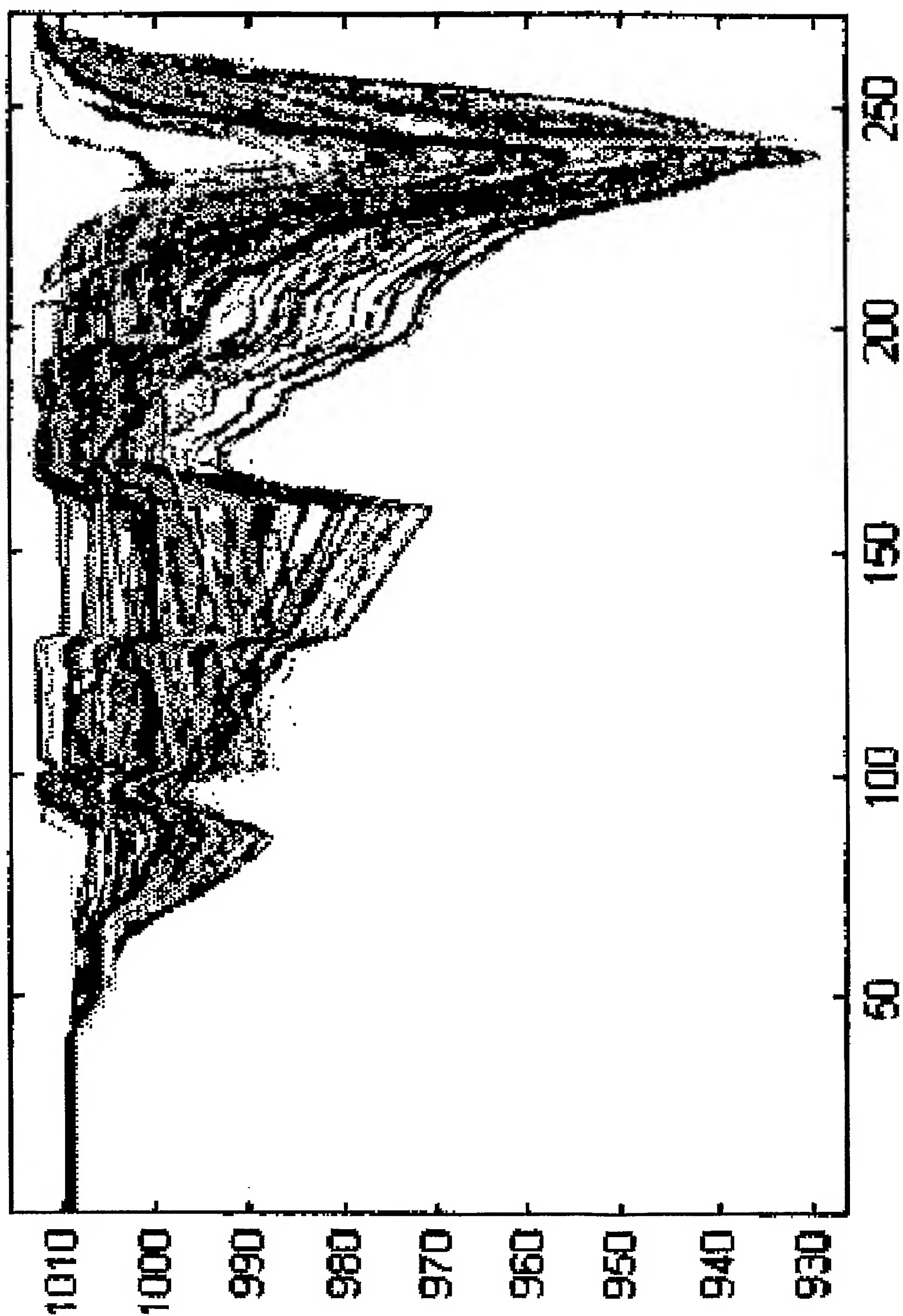


FIG. 11d

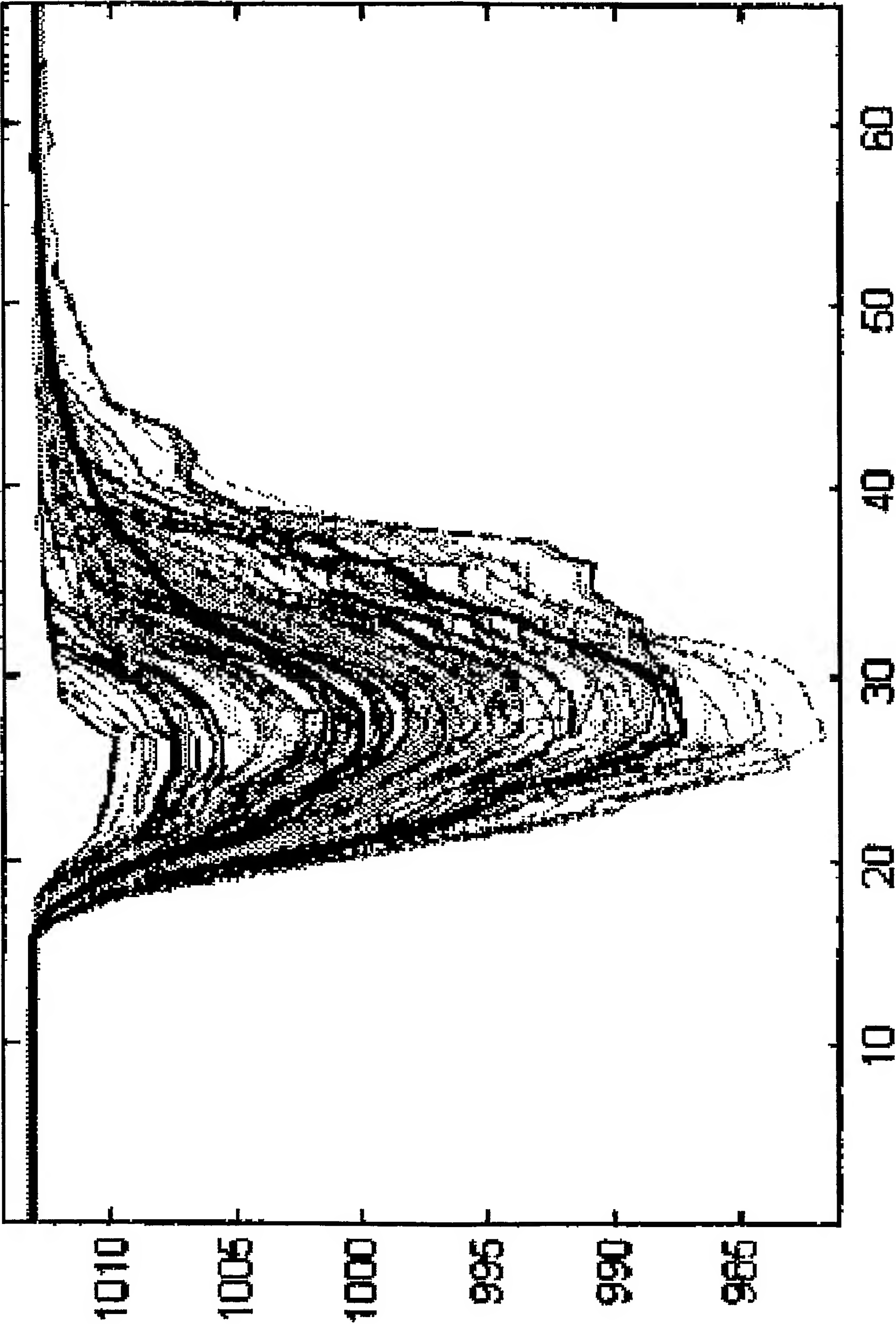


FIG. 11e

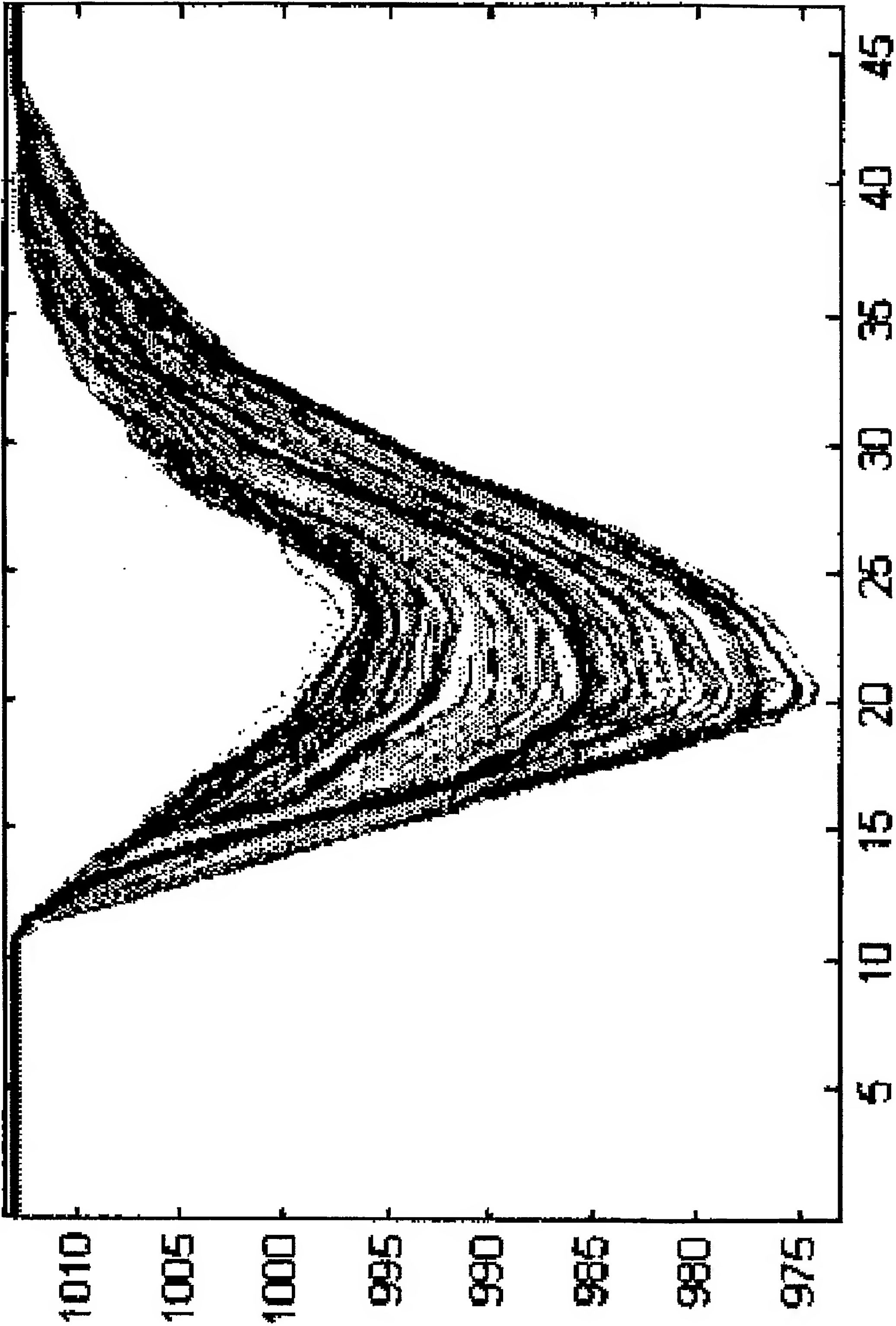


FIG. 11f

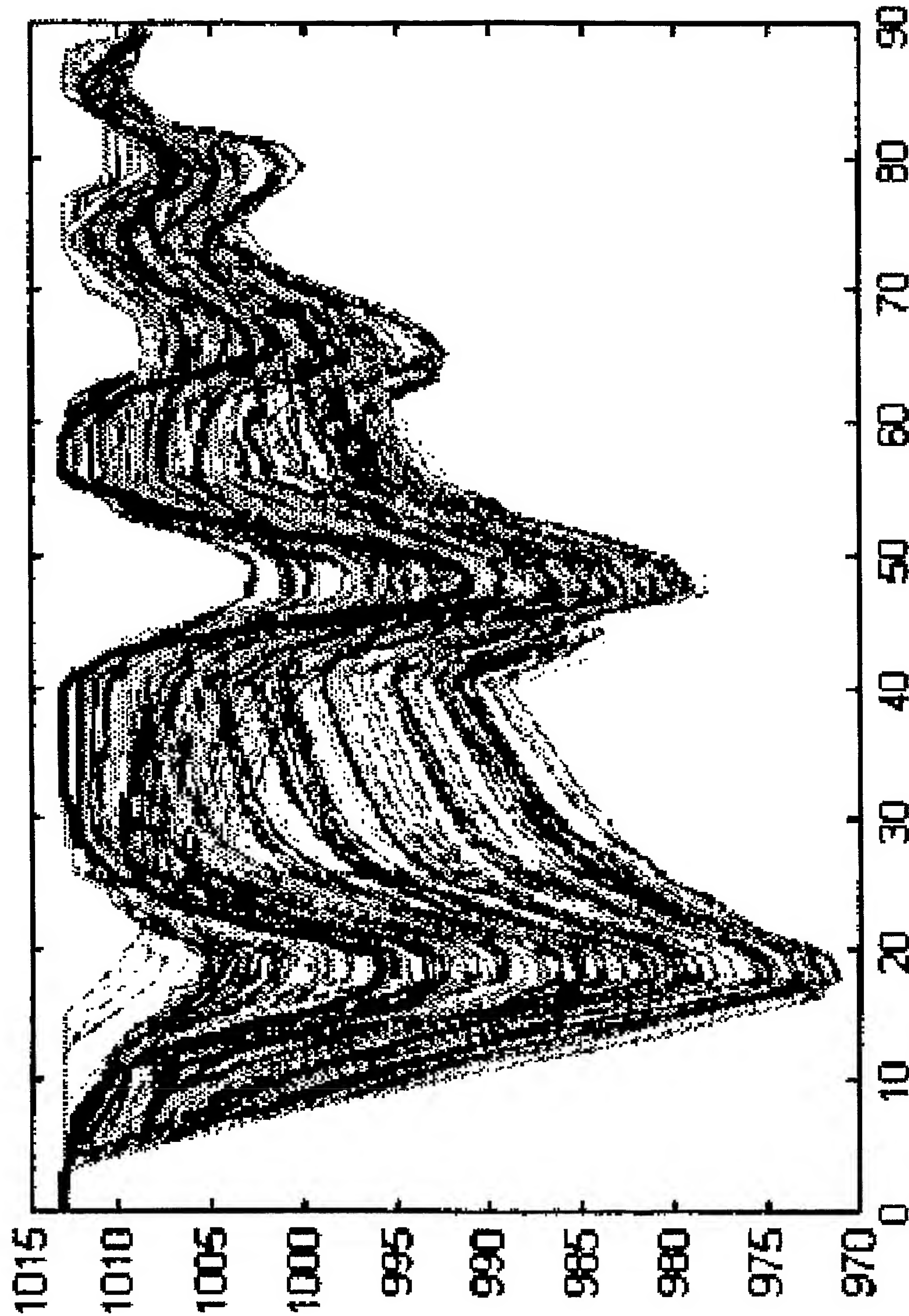


FIG. 11g

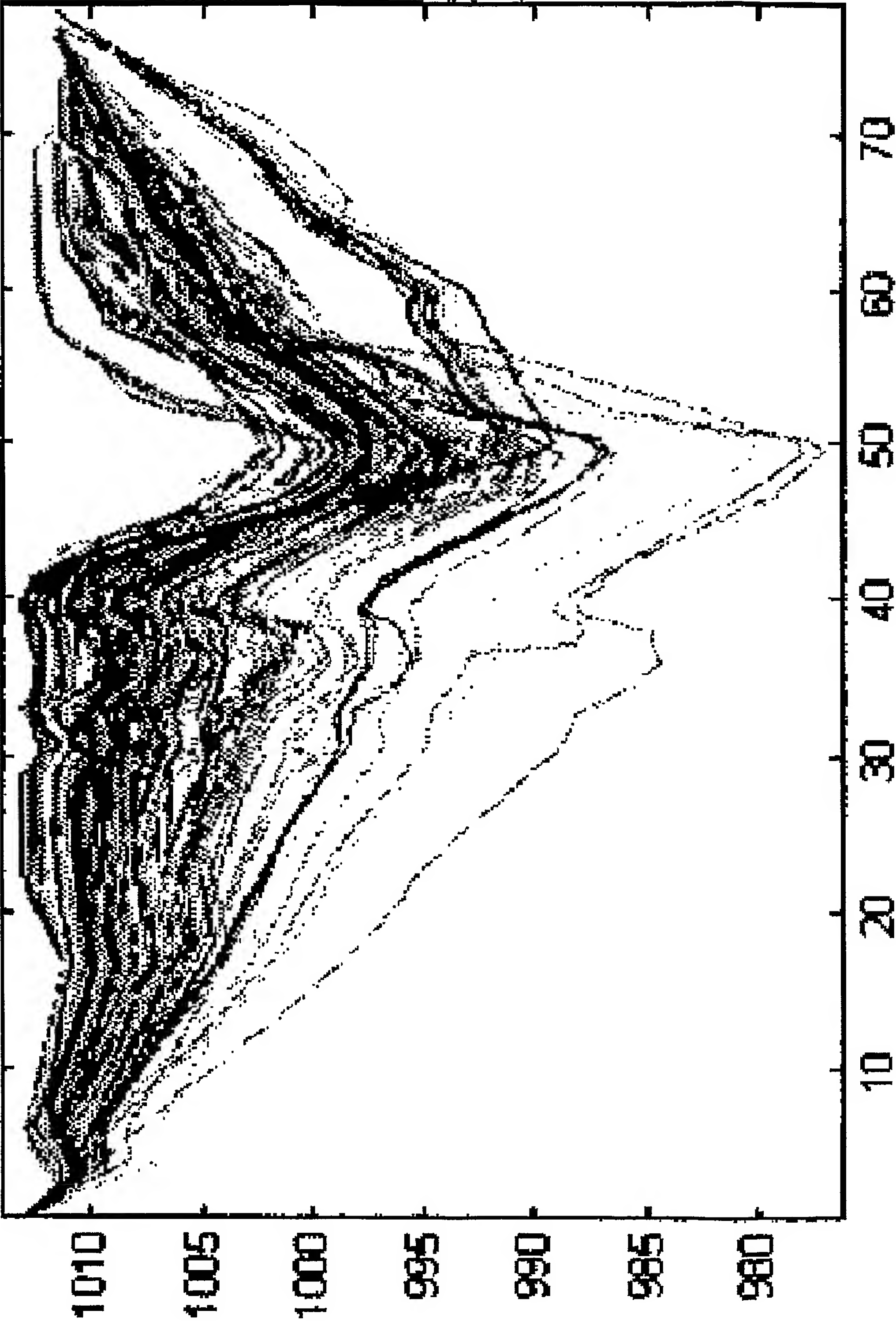


FIG. 11h



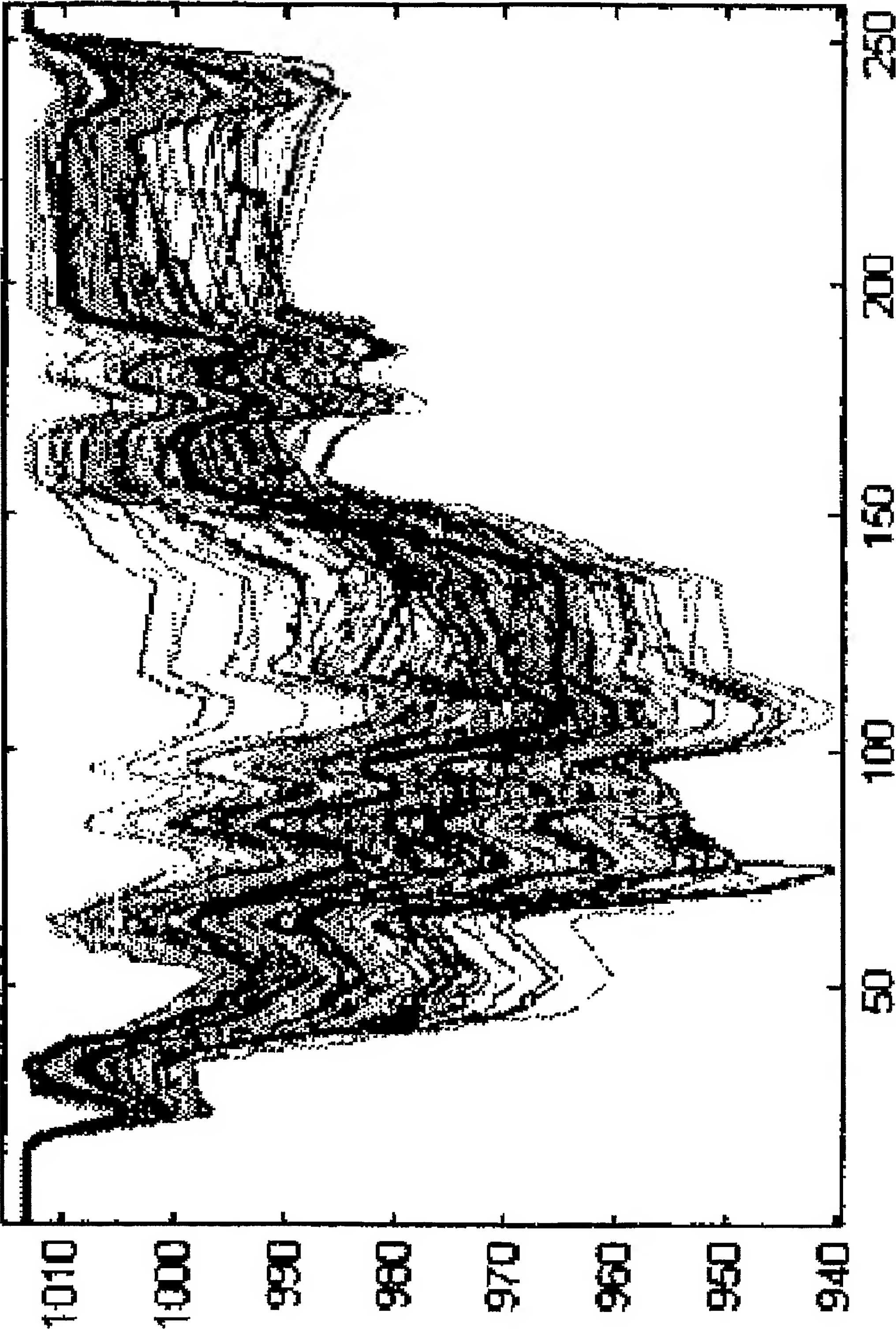


FIG. 11i